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REMARKS

No new matter has been added by virtue of this Amendment and accompanying Sequence Listing. The changes made to the specification only reflect the insertion of SEQ ID NO: identifiers. An appendix to this letter shows the specific changes made to the originally filed specification.

Submitted with this Amendment are: (1) a paper copy of the Sequence Listing containing SEQ ID NO:1 through SEQ ID NO:7; (2) a diskette containing the Sequence Listing; (3) a "Statement to Support the Filing and Submission of the Sequence Listing in accordance with 37 C.F.R. §§1.821-1.825"; and (4) a copy of the "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures", mailed February 27, 2002. Applicants respectfully request consideration and entry of the Amendment and the Sequence Listing.

Respectfully submitted,

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Date: June 10 , 2002

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APPENDIX:

Version of Specification Amendments Detailing Additions (Underlined Text) and Deletions (Bracketed Text)

The specification has been amended by the addition of SEQ ID NO: identifiers, as shown below:

The third full paragraph on page 4 has been amended as follows:

This sequence was determined with the aid of a statistical study of 27 known amidation sites and led to definition of a given pattern of amino acids over 6 positions: Gly-Lys-Arg-Ser-Ala-Glu (SEQ ID NO:1).

On page 12, section 1.2.1 "Establishing the sequences of the two oligonucleotides necessary for the PCR reaction", has been amended as follows:

1.2.1. Establishing the sequences of the two oligonucleotides necessary for the PCR reaction.

One of these two nucleotides will contain the sequence complementary to that which codes for the amidation site for CCK, which site is known and has as the sequence Gly-Arg-Arg-Ser-Ala-Glu (SEQ ID NO:2). This oligonucleotide, which will be called *oligo CCK amide*, has as its nucleotide sequence:

5' CTCAGCACTGCGCCGGCC 3' (SEQ ID NO:3)

The second oligonucleotide, called oligo CCK 5, corresponds to the consensus signal sequence:

5' GTGTGTCTGTGCGTGGTG 3' (SEQ ID NO:4)

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The size of the expected amplification product is 315 base pairs, which is the distance between the sequences corresponding to these two oligonucleotides on the precursor sequence of the CCK.

On page 14, section 1.5. "Result.", has been amended as follows:

1.5. Result.

The following crude sequence is obtained:

GTG TGT CTG TGC GTG GTG ATG GCA GTC CTG GCA GCA GGC GCC CTG GCG CAG CCG GTA GTC CCT GTA GAA GCT GTG GAC CCT ATG GAG CAG CGG GCG GAG GAG GCG CCC CGA AGG CAG CTG AGG GCT GTG CTC CGA CCG GAC AGC GAG CCC CGA GCG CGC CTG GGC GCA CTG CTA GCC CGA TAC ATC CAG CAG GTC CGC AAA GCT CCC TCT GGC CGC ATG TCC GTT CTT AAG AAC CTG CAG GGC CTG GAC CCT AGC CAC AGG ATA AGT GAC CGG GAC TAC ATG GGC TGG ATG GAT TTC GGC CGC AGT GCT GAG (SEQ ID NO:5)

Translation of the sequence obtained into amino acids results in:

VCLCVVMAVLAAGALAQPVVPVEAVDPMEQRAEEAPRRQLRAVLRPDSEPRARLGAL LARYIQQVRKAPSGRMSVLKNLQGLDPSHRISDRDYMGWMDFGRRSAE (SEQ ID NO:6)

which enables the nucleotide sequence of the precursor of CCK (the sequence of which has been provided by the Swiss databank prot no. p01355) to be easily found.

The sequence on page 23 has been amended as follows:

		GGAGAAAATA	CCCCATCAGG	CGAAATTGTA	AACGTTAATA
2351	AGATGCGTAA	GGAGAAAATA		A A DICA COMO	አ ብጥጥጥጥጥ Δ Δ C
2401	TTTTGTTAAA	ATTCGCGTTA	AATATTTGTT	AAATCAGCIC	AITITITIO
2451	CAATAGGCCG	AAATCGGCAA	AATCCCTTAT	AAATCAAAAG	AATAGACCGA
	CAMACCCMTC	AGTGTTGTTC	CAGTTTGGAA	CAAGAGTCCA	CTATTAAAGA
2501	GATAGGGTTG	CAACGTCAAA	CITCICITION	СССТСТАТСА	GGGCGATGGC
2551	ACGTGGACTC	CAACGTCAAA	GGGCGAAAAA	CCGTCTTTCTT	CCACCTCCCC
2601	CCACTACGTG	AACCATCACC	CAAATCAAGT	T"T"T"TGCGGT	CGAGGIGCCG
2651	ጥ አ አ አ ር ር ጥር ጥ A	AATCGGAACC	CTAAAGGGAG	CCCCCGATTT	AGAGCTTGAC
	2222222	GGCGAACGTG	CCCAGAAAGG	AAGGGAAGAA	AGCGAAAGGA
2701	GGGGAAAGCC	GGCGAACGIG	GCGMGILLIGG	. #10001====	

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2751	GCGGGCGCTA	GGGCGCTGGC	AAGTGTAGCG	GTCACGCTGC	GCGTAACCAC
2801	CACACCCGCC	GCGCTTAATG	CGCCGCTACA	GGGCGCGTCC	ATTCGCCATT
2851	CAGGCTGCGC	AACTGTTGGG	AAGGGCGATC	GGTGCGGGCC	TCTTCGCTAT
2901	TACGCCAGCT	GGCGAAAGGG	GGATGTGCTG	CAAGGCGATT	AAGTTGGGTA
2951	ACGCCAGGGT	TTTCCCAGTC	ACGACGTTGT	AAAACGACGG	CCAGTGAATT
3001	GTAATACGAC	TCACTATA (S	SEQ ID NO:7)	